|      | Class   |           | U.S. UTILITY Patent Applic          |                 |            |                            |                    |  |  |
|------|---|-----------|-------------------------------------|-----------------|------------|----------------------------|--------------------|--|--|
|      |   |           | KU SCANNED                          | 0.I.P.È         | LS LS      | PATENT                     | DATE               | TK.  |  |
|      | <b>APPLICATION NO.</b> 09/639259  | ONT/PRIOR | CLASS<br>375                        | SUBCLASS<br>232 | 263<br>263 |                            | EXAMINER           | - Ahn  |  |
|      | Helen Kim<br>Meng-Lin Yu<br>Signal detect   | tion ba   | ased on                             | channel         | estimat    | ion                        |                    |  |  |
|      | THE   |           |                                     |                 |            |                            | *                  | PTC-212/8  |  |
|      | ORIGINAL  |           | ISSUIN                              | IG CLASS        |            | ON<br>REFERENC             | >E(S)              |  |  |
|      | CLASS : SUB   | CLASS     | CLAS                                | s s             | UBCLASS (C |                            |                    | BLOCK)   |  |
|      | TERNATIONAL CLASSIF   | CATION    | 7                                   |                 |            |                            |                    |  |  |
|      |   | ICATION   |                                     |                 |            |                            |                    |  |  |
|      | ME STATE OF |           |                                     |                 |            |                            | 41.55<br>41.55     |  |  |
|      |   |           | •                                   |                 |            | 91 93                      |                    | 14. 16. 14. 14. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15 |  |
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|      |   |           |                                     | IL              |            | J Continued                | on Issue Slip      | Inside File Jacket                                     |  |
|      | TT-101114   |           | \                                   |                 |            |                            |                    |  |  |
|      | TERMINAL<br>DISCLAIMER  |           | eets Drwg.                          | Figs. Drwg.     | Print Fig. | Total Claims               |                    | S ALLOWED  Print Claim for O.G                         |  |
|      | The term of this patent sequent to(   | date)     |                                     |                 |            | NOTICE OF ALLOWANCE MAILED |                    | OWANCE MAILED  |  |
|      | the term of this patent shall extend beyond the expiration  | date      | (Assistant                          | Examiner)       | (Date)     |                            |                    |  |  |
| of t | J.S Patent. No.   |           |                                     |                 |            |                            | ISSUE FEE          |  |  |
|      |   |           | (Primary E                          | Examiner)       | (Date)     | Amou                       | nt Due             | Date Paid  |  |
|      | The terminalmonths of patent have been disclaimed.  |           | (Legal Instruments Examiner) (Oate) |                 |            |                            | ISSUE BATCH NUMBER |  |  |